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Date: November 16, 2007

To: Examiner Lana N. Le
U.S. Patent and Trademark Office

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Client No: 11336/602 (P04021US)
Serial No: 10/789,599
Group Art Unit: 2618

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DRAFT PROPOSED CLAIMS – NOT FOR ENTRY ON THE RECORD
FAX 571-273-7891

PATENT
Our Case No. 11336/602 (P04021US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Mark Spellman) Group Art Unit: 2618
Serial No.: 10/789,599) Examiner: Lana N. Le
Filed: February 27, 2004) Conf. No. 9045
For: MULTIPLE TUNERS IN A SINGLE)
RADIO RECEIVER)

Madam Examiner:

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SAH*

DRAFT PROPOSED CLAIM

Per previous phone conversations to
Applicant proposes the following amendment
convenience, un-amended currently pending

As amended, Applicant proposes to
that the Examiner has previously indicated i
has also amended Claim 18 and 42 to incorporate the identified limitation of Claim 5. Applicant
thanks the Examiner for graciously identifying the patentable subject matter.

ntative,
w. For

Claim 5
applicant

1. (Currently Amended) A radio receiver comprising:
 - a first tuner configured to connect with an antenna and to generate a first audio signal;
 - a second tuner configured to connect with the antenna and to generate a second audio signal;
 - a digital signal processor configured to receive the first audio signal and the second audio signal, to also digitally process the first audio signal to generate a first processed audio output signal, and to also digitally process the second audio signal to generate a second processed audio

Serial No. 10/134,405

Application Filing Date: April 26, 2002

DRAFT PROPOSED CLAIMS – NOT FOR ENTRY ON THE RECORD

output signal, where the first audio signal and the second audio signal are digitally processed simultaneously by the digital signal processor;

a first audio power amplifier connected with the digital signal processor, and configured to receive the first processed audio output signal; and

a second audio power amplifier connected with the digital signal processor, and configured to receive the second processed audio output signal.

5. (Cancelled).

18. (Currently Amended) A radio receiver comprising:

a control unit;

a first tuner configured to produce a first tuner output, wherein the first tuner is connected with the control unit, and the control unit configured to tune the first tuner to a first tuner frequency setting;

a second tuner configured to produce a second tuner output, wherein the second tuner is connected with the control unit, and the control unit configured to tune the second tuner to a second tuner frequency setting;

a digital signal processor connected with the first tuner and the second tuner, and the digital signal processor configured to digitally process the first tuner output to generate a first - digitally processed audio signal as a function of the first tuner frequency setting, and to also generate a second digitally processed audio signal as a function of the second tuner frequency setting, where the digital signal processor digitally processes the first tuner output and the second tuner output simultaneously;

a first audio power amplifier connected with the digital signal processor, and the first audio power amplifier is configured to receive the first digitally processed audio signal; and

a second audio power amplifier connected with the digital signal processor, and the second audio power amplifier is configured to receive the second digitally processed audio signal.

42. (Currently Amended) A method of providing two radio tuner audio outputs comprising:

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DRAFT PROPOSED CLAIMS – NOT FOR ENTRY ON THE RECORD

receiving first and second radio tuner audio signals from respective first and second radios;

simultaneously digitally processing the first and second radio audio signals to generate respective first and second digitally processed audio signals;

~~generating respective first and second digitally processed audio signal based on the respective first and second radio tuner audio signals;~~

generating respective first and second amplified processed audio signal based upon the respective first and second digitally processed audio signals;

generating respective first and second radio tuner signal quality signals related to the first and second radio tuner audio signals;

generating respective first and second quality detections in response to detection that the first and second radio tuner signal quality signals are less than a predetermined quality threshold value;

respectively tuning the first and second radio tuner to respective alternative frequencies in response to respective first and second quality detections;

outputting the first amplified processed audio output to a speaker; and

outputting the second amplified processed audio output to a headphone interface adapted to provide the second amplified processed audio output to a headphone.